

T30/T10

Intelligent Battery Station

User Guide

使用説明

ユーザーガイド

사용자 가이드

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Hướng dẫn sử dụng

Bedienungsanleitung

Guía del usuario

Guide de l'utilisateur

Guida dell'utente

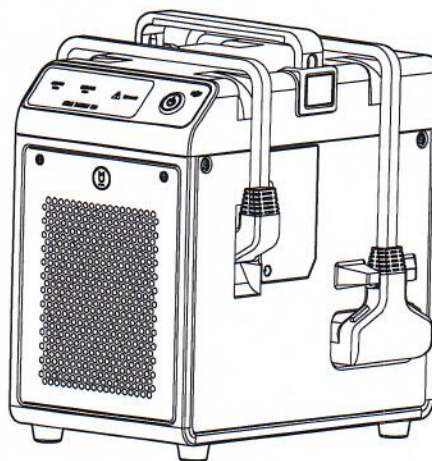
Gebruiksaanwijzing

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v1.0 2021.02



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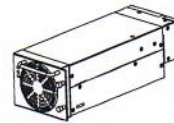
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T30 Intelligent Battery Station



× 1



× 2

T30 Intelligent Battery Station

T30 智能充電管家

T30 インテリジェント バッテリーステーション

T30 인텔리전트 배터리 스테이션

เครื่องชาร์จแบตเตอรี่อัจฉริยะ T30

Tram sạc thông minh T30

T30 Intelligent Battery Station

Estación de Baterías Inteligentes T30

Station de batteries intelligente T30

Stazione di ricarica per batteria intelligente T30

T30 Intelligent Battery Station

Estação de bateria inteligente T30

Estação de bateria inteligente T30

Зарядная станция для аккумуляторов

CPX-3000W Switching Power Supply*

CPX-3000W 開關電源模組 *

CPX-3000W スイッチング電源 *

CPX-3000W 스위칭 전력 공급 장치 *

สวิตชิงเพาเวอร์ซัพพลาย CPX-3000W*

Bộ chuyển đổi nguồn điện CPX-3000W*

CPX-3000W Schaltnetzteil*

Fuente de alimentación de conmutación CPX-3000W*

Commutation de l'alimentation électrique CPX-3000W*

Alimentatore a commutazione CPX-3000W*

CPX-3000W-schakelvoeding*

Fonte de alimentação alternada CPX-3000W*

Fonte de alimentação de comutação CPX-3000W*

Импульсный источник питания CPX-3000W*

* CPX-3000W Switching Power Supply is not included in the package for some regions. Please contact DJI or a DJI authorized dealer for further information.

* 部分國家或地區包裝內不含 CPX-3000W 開關電源模組，詳情請聯繫 DJI 或 DJI 授權經銷商。

* CPX-3000W スイッチング電源は一部地域ではパッケージに含まれておりません。詳細情報については DJI または DJI 正規代理店にお問い合わせください。

* CPX-3000W 스위칭 전력 공급 장치는 일부 지역에서 패키지에 포함되지 않습니다. 추가적인 정보는 DJI 또는 공인 DJI 딜러에 문의하십시오.

* สวิตชิงเพาเวอร์ซัพพลาย CPX 3000W จะไม่รวมอยู่ในแพ็คเกจสำหรับบางภูมิภาค โปรดติดต่อ DJI หรือตัวแทนจำหน่ายที่ได้รับอนุญาตจาก DJI เพื่อขอข้อมูลเพิ่มเติม

* Tại một số khu vực, gói sản phẩm không bao gồm bộ chuyển đổi nguồn điện CPX-3000W. Vui lòng liên hệ với DJI hoặc đại lý ủy quyền của DJI để biết thêm thông tin.

* CPX-3000W Schaltnetzteil ist in manchen Regionen nicht im Paket enthalten. Bitte kontaktieren Sie DJI oder wenden Sie sich an einen DJI-Vertragshändler für weitere Informationen.

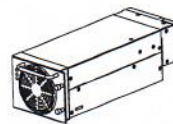
* En algunas regiones, la fuente de alimentación de conmutación CPX-3000W no se incluye en el embalaje. Póngase en contacto con DJI o con cualquier distribuidor autorizado de DJI para obtener más información.

T10 Intelligent Battery Station



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T10 Intelligent Battery Station
 T10 智能充電管家
 T10 インテリジェント バッテリーステーション
 T10 인텔리전트 배터리 스테이션
 เครื่องชาร์จแบตเตอรี่อัจฉริยะ T10
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 Stazione di ricarica per batteria intelligente T10
 T10 Intelligent Battery Station
 Estação de bateria inteligente T10
 Estação de bateria inteligente T10
 Зарядная станция для аккумуляторов



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CPX-3000W Switching Power Supply*
 CPX-3000W 開關電源模組*
 CPX-3000W スイッチング電源*
 CPX-3000W 스위칭 전력 공급 장치*
 สวิตชิงเพาเวอร์ซัพพลาย CPX-3000W*
 Bộ chuyển đổi nguồn điện CPX-3000W*
 CPX-3000W Schaltnetzteil*
 Fuente de alimentación de conmutación CPX-3000W*
 Commutation de l'alimentation électrique CPX-3000W*
 Alimentatore a commutazione CPX-3000W*
 CPX-3000W-schakeivoeding*
 Fonte de alimentação alternada CPX-3000W*
 Fonte de alimentação de comutação CPX-3000W*
 Импульсный источник питания CPX-3000W*

* La commutation de l'alimentation électrique CPX-3000W n'est pas incluse dans l'emballage pour certaines régions. Pour plus d'informations, veuillez contacter DJI ou un revendeur DJI agréé.

* L'alimentatore a commutazione CPX-3000W non è incluso nella confezione per alcune regioni. Per ulteriori informazioni, contattare DJI o un rivenditore autorizzato DJI.

* CPX-3000W-schakeivoeding is voor sommige regio's niet in het pakket opgenomen. Neem contact op met DJI of een erkende DJI-dealer voor meer informatie.

* A fonte de alimentação alternada CPX-3000W não está incluída na embalagem em algumas regiões. Contacte a DJI ou um revendedor autorizado para mais informações.

* A fonte de alimentação de comutação CPX-3000W não está incluída no pacote de algumas regiões. Entre em contato com a DJI ou com um revendedor autorizado da DJI para mais informações.

* В некоторых регионах импульсный источник питания CPX-3000W не входит в комплект. Для получения более подробной информации обратитесь в DJI или к официальному представителю DJI.

Disclaimer

Congratulations on purchasing your new DJI™ product. Read this entire document and all safe and lawful practices DJI provided carefully before use. Failure to read and follow instructions and warnings may result in serious injury to yourself or others, damage to your DJI product, or damage to other objects in the vicinity. By using this product, you hereby signify that you have read this document carefully and that you understand and agree to abide by all terms and conditions of this document and all relevant documents of this product. You agree to only use this product for purposes that are proper. You agree that you are solely responsible for your own conduct while using this product, and for any consequences thereof. DJI accepts no liability for damage, injury, or any legal responsibility incurred directly or indirectly from the use of this product.

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This document and all other collateral documents are subject to change at the sole discretion of DJI. For up to date product information, visit <http://www.dji.com> and click on the product page for this product.

This document is available in various languages. In the event of divergence among different versions, the English version shall prevail.

Warning

1. The power cable of the AC input current is 16 A. Use a power outlet that can provide a current exceeding 16 A for the T10 Intelligent Battery Station and use two separate power outlets of a total current exceeding 32 A for the T30 Intelligent Battery Station. A certain power margin is required for safety.
2. DO NOT connect two AC power cables to one power outlet when using the T30 Intelligent Battery Station indoors to avoid short circuiting.
3. This product is used to charge aircraft that are used in plant protection operations. Before using such aircraft, make sure you understand and comply with the local laws and regulations and, if required, have obtained corresponding approval and clearance from the related government agencies.
4. DO NOT use this product under direct sunlight, in rain, or in a damp environment.
5. Keep the battery station away from heat, pressure, water, flammable gases, and corrosives.
6. The battery station should be kept in an environment with a temperature range of -5° to 45° C (23° to 113° F).
7. Place the battery station on a flat and stable surface. In order to prevent fire hazards, make sure the device is properly insulated and that there is sufficient space for ventilation (at least 50 cm).
8. In case of fire, make sure to use a dry powder fire extinguisher. A liquid fire extinguisher may lead to an electrical hazard.
9. DO NOT unplug the AC cable or charging cable while the battery station is in use. Remove batteries after charging is complete.
10. If there is any noticeable buildup, wipe the battery station or power ports with a clean, dry cloth.
11. DO NOT use the battery station during a thunderstorm.
12. Refer to the user guide of the batteries for more safety instructions before use.

13. DO NOT hold the charging cables to carry the battery station. Otherwise, the cables may be damaged.
14. DO NOT use the battery station in an area where batteries are stored. There should be a distance of at least 30 cm between the battery station and any charging batteries. Otherwise, the battery station or charging batteries may be damaged by excessive heating and may even lead to a fire hazard.
15. Keep the battery station away from inflammable materials while charging. DO NOT place the battery station or charging batteries on a blanket or any carpeted surfaces when in use.
16. For activation or firmware updates, the battery station can be connected to the DJI ASSISTANT™ 2 for MG or the remote controller of the T10, T30, or T20. Make sure the remote controller has been updated to the latest version before activating or updating the battery station.

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Introduction

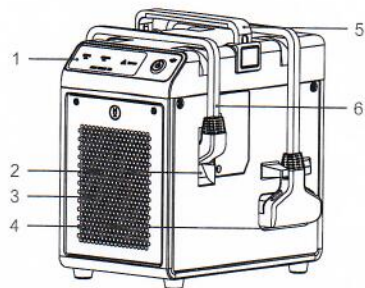
The T30/T10 Intelligent Battery Station can connect with up to two batteries. While charging, the battery station monitors the status of the batteries and can automatically adjust the charging current if required. The battery station continues to charge even if the ventilation holes are blocked.

Users can check the battery charging status LEDs and the warning indicator on the operation panel of the battery station to confirm if there are any errors. The battery station can be connected to a remote controller using a USB-C cable and users can launch the DJI MG or DJI AGRAS™ app to check more detailed information regarding any errors. Additionally, the battery station has the following functions: overcurrent protection, overcharging protection, under-voltage protection, overheating protection, and status display.

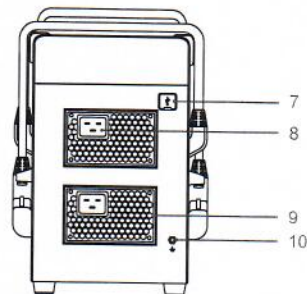
The general descriptions in this user guide apply to both the T30 Intelligent Battery Station and T10 Intelligent Battery Station. The illustrations in this user guide may vary from the actual product. The T30 Intelligent Battery Station is used as an example below.

Overview

Battery Station

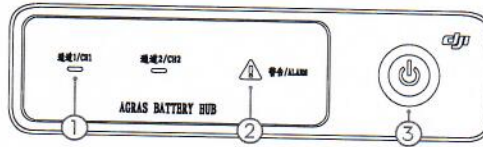


1. Operation Panel
2. Charging Cables Clamp
3. Front Panel Dustproof Cover
4. Charging Cables Storage
5. Handle



6. Charging Cable
7. USB-C Port Cover
8. AC Power Port
9. AC Power Dustproof Cover
10. GND Port

Operation Panel



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1. Charging Status LED x 2

Each LED indicates the charging status of the battery connected to a charging cable. The numbers (1-2) correspond to the position of the charging cable on the battery station.

2. Warning Indicator

The warning indicator will be on if the battery station detects any abnormalities. If the indicator turns solid yellow, connect the

battery station to a remote controller using a USB-C cable to confirm if there are any errors. If the indicator turns solid red, stop charging immediately. Only start to charge again once the indicator is no longer solid red.

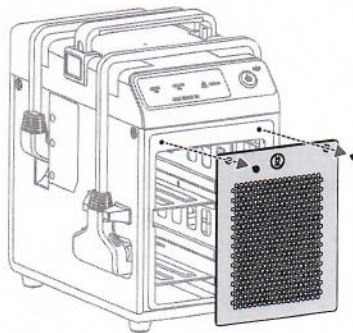
3. Power Button

Press to power the battery station on and off. It is recommended to press the power button and unplug the AC power cable to power off the station.

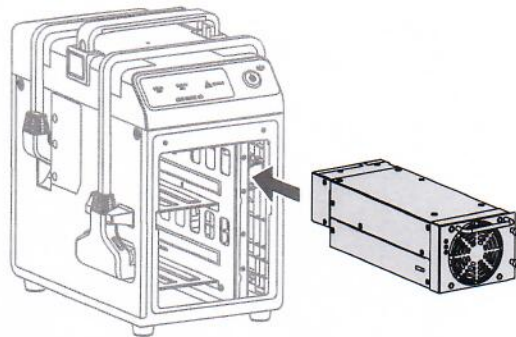
Mounting the Battery Station

If the CPX-3000W switching power supply has not been mounted to the battery station before leaving the factory, follow the instructions below to mount.

1. Loosen the screws and remove the front panel.



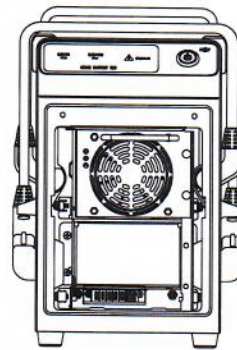
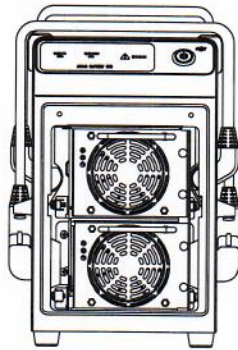
2. Insert the CPX-3000W switching power supply into the battery station as shown below. The T30 Intelligent Battery Station has two CPX-3000W switching power supplies while the T10 Intelligent Battery Station has one.



EN

T30 Intelligent Battery Station:

T10 Intelligent Battery Station:



3. Attach the panel and secure using the screws.

Activation

The battery station requires activation before using for the first time. If the warning indicator is solid green, it means the battery station has not been activated. Follow the steps below to activate the battery station:

Method 1: Using the DJI MG App or DJI Agras App

1. Connect the battery station to a power outlet.
2. Connect the battery station to the remote controller using a USB-C cable.
3. Press the power button to power on the battery station.
4. Run the app and follow the prompts to finish activation.

Method 2: Using DJI Assistant 2 for MG

1. Connect the battery station to a power outlet.
2. Connect the battery station to the PC using a USB-C cable.
3. Visit www.dji.com to download DJI Assistant 2 for MG. Install and run the software.
4. Press the power button to power on the battery station.

5. Use your DJI account to log in and click "Battery Station / Inverter Generator" and follow the prompts to finish activation.



Make sure the PC or smart device is connected to the internet during activation.

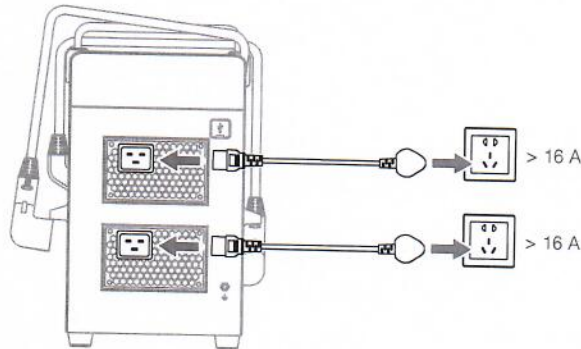
Using the Battery Station

Up to two batteries can be connected to the T30/T10 Intelligent Battery Station. Follow the instructions below to use the battery station.

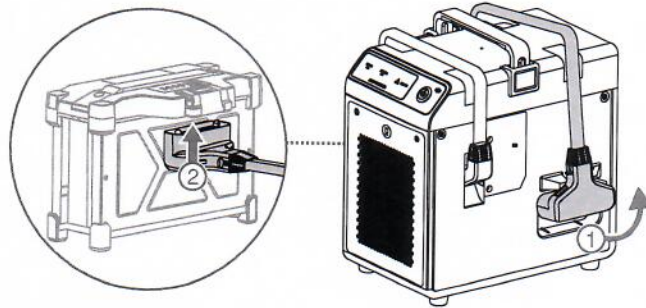
1. Connect the battery station to a power outlet.



When using the T30 Intelligent Battery Station, each AC power cable must be connected to a separate AC power outlet or power strip with a rated current of more than 16 A.



2. Connect the battery to the battery station.



When using the T30 Intelligent Battery Station indoors, it is recommended to use only one AC power cable, which reduces the maximum output power by half.



Make sure to place the charging battery on the same side that the charging cable is fixed to the battery station.

3. Make sure all cables are correctly connected and press the power button on the operation panel of the battery station. The two LEDs and the warning indicator will flash simultaneously. After powering on, the only lights remaining will be the charging status LEDs, which represent the batteries currently connected. This indicates that self-diagnosis is complete and the device is working normally. For more information about how to check if there are any errors during self-diagnosis, refer to the LEDs and Warning Indicator Description. Alternatively, connect the battery station to a remote controller and launch the DJI MG or DJI Agras app for more detailed information about the errors.
4. If no errors are detected during self-diagnosis, the battery station will begin to charge the batteries. If two batteries are connected simultaneously, the battery station will charge them in order of their power level, starting from highest to lowest.

- ⚠
- Before use, make sure there are no obvious defects on the battery station or batteries (e.g., jams, breakages, or short circuits).
 - DO NOT power the battery station on unless the batteries are correctly connected.
 - The battery station will automatically adjust the charging current based on the condition of the batteries being charged. For example, if the battery temperature is below 15° C (59° F), the charging current will be limited and the charging time will be longer. The charging time depends on the battery model and battery temperature. The lower the battery temperature, the longer the charging time will be. The charging temperature range varies depending on the battery model. Refer to the user guide of the battery to check the charging temperature range.

LEDs and Warning Indicator Description

During charging, the status LED will blink when the corresponding charging battery is experiencing an abnormality due to the cable being disconnected, a high or low temperature, overvoltage, or overcurrent. Once charging is complete, the status LED will be solid green. The battery can be disconnected from the battery station.

Battery Station Status:

LEDs	Warning Indicator	Power Button Indicator	Description
/	Solid green	/	The battery station is ready to be activated, or under loader stage
Solid yellow	Solid yellow	Solid green	Self-diagnosis and power supply of the battery station are normal
/	/	Solid green	The battery station is ready to connect to a battery
Solid yellow	Blinks yellow twice continuously	/	The battery station logs are being exported and it has stopped charging. Restart the battery station after the logs have been exported

Charging Indicators:

LED Blinking Pattern	Warning Sound	Description
Solid yellow	/	The battery in the corresponding position to the number is connected and queued to charge
Blinks green	/	The battery in the corresponding position to the number is charging

Solid green	/	The battery in the corresponding position to the number is fully charged
Blinks yellow three times continuously	/	The temperature of the battery in the corresponding position to the number is too low and the battery station has stopped charging
Blinks yellow four times continuously	/	The temperature of the battery in the corresponding position to the number is too high and the battery station has stopped charging
Blinks red once continuously	Beeps once continuously	The battery in the corresponding position is not correctly connected or an unauthorized battery is connected. This warning will only appear 10 seconds after the battery is connected
Blinks red twice continuously	Beeps twice continuously	The connector short-circuited. Check the battery or the battery station
Solid red	Beeps three times continuously	Critical error detected

The warning indicator will light up if one of the following problems occur while using the battery station:

Warning Indicator	Warning Sound	Description
Solid yellow	/	Main board is abnormal and the power is limited
Blinks yellow once continuously	/	The CPX-3000W switching power supply is abnormal and the power is limited
Blinks red once continuously	/	The CPX-3000W switching power supply is unavailable or the fan stalled
Blinks red once continuously	Beeps once continuously	The CPX-3000W has experienced a critical error and there is no output
Solid red	Beeps twice continuously	Main board is abnormal and unavailable

If there are any abnormalities, connect the battery station to a remote controller and run the DJI MG or DJI Agras app to check more information. If the app indicates that a module is abnormal or broken, contact DJI or a DJI authorized dealer.

Updating Firmware

Follow the instructions below to update the firmware using the remote controller or DJI Assistant 2 for MG. Users will be notified through the app when firmware updates are available.

Using Remote Controller

1. Connect the battery station to a remote controller using a USB-C cable and connect the battery station to a power outlet.
2. Power on the remote controller and press the power button on the operation panel to power on the battery station.
3. Run the DJI MG or DJI Agras app and follow the prompts to update the firmware. Make sure the remote controller remains connected to the internet while updating.

Using DJI Assistant 2 for MG

1. Download DJI Assistant 2 for MG at <https://www.dji.com/t30/downloads> or <https://www.dji.com/t10/downloads>.
2. Launch DJI Assistant 2 for MG and log in with your DJI account.
3. Power on the battery station and connect the station to a computer via the USB-C port.
4. Select "Battery Station / Inverter Generator" and click on Firmware Updates on the left panel.
5. Select the firmware version that you wish to update to.
6. Wait for the firmware to download. The firmware update will start automatically.
7. The station will reboot automatically after the firmware update is complete.

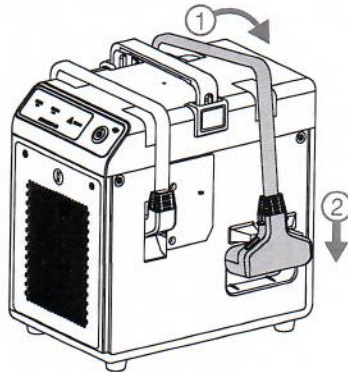
- ⚠
- Before using the battery station, make sure there are no obvious defects on the ports or cables of the battery station (e.g., jams, breakages, or short circuits).
 - DO NOT connect the batteries while updating the firmware of the battery station.
 - DO NOT disconnect the battery station while updating the firmware of the battery station.
 - Make sure the computer is connected to the internet.
 - Retry if update fails.

Storage and Maintenance

Battery Station Storage

When the battery station is not in use, disconnect the batteries from the battery station and the battery station from the power outlet. Follow the steps below to safely secure the charging cables.

1. After disconnecting a battery, wrap the charging cable over the battery station.
2. Make sure the end of the charging cable is securely attached to the corresponding storage on the side of the battery station.



- ⚠
- DO NOT store this product under direct sunlight, in rain, or in a damp environment.
 - Keep the battery station away from heat, pressure, water, flammable gases, and corrosives.

Battery Station Maintenance

Clean the AC power dustproof cover and front dustproof cover regularly to ensure the charging performance is unaffected.

Specifications

Specifications	T30 Intelligent Flight Battery (Model: CHX503-7000)	T10 Intelligent Flight Battery (Model: CHX503-3000)
Operating Temperature Range	-5° to 45° C (23° to 113° F)	
Dimensions	300x280x230 mm	
Output Channel	2	
Compatible Battery	T30 Intelligent Flight Battery	T10/T16/T20 Intelligent Flight Battery
Weight	Approx. 5.5 kg (without CPX-3000W Switching Power Supply)	Approx. 5.1 kg (without CPX-3000W Switching Power Supply)

Note: Refer to the CPX-3000W Switching Power Supply Product Information for current, input and output voltage.